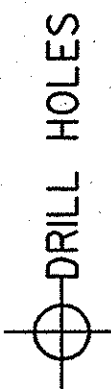
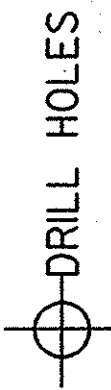
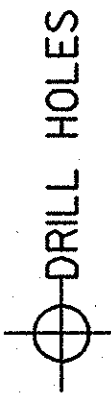
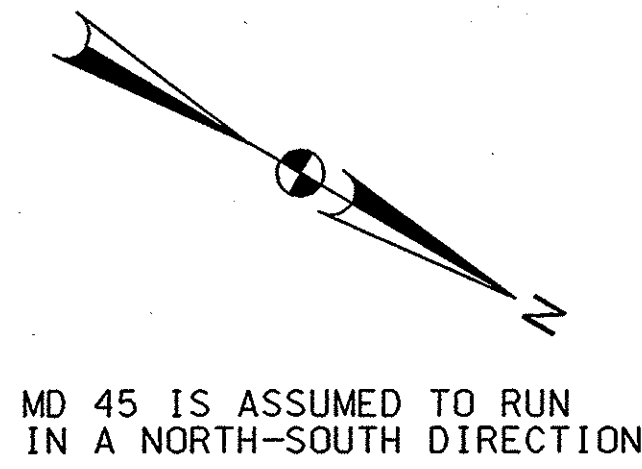


BORDER REV. DATE: June 1, 2004

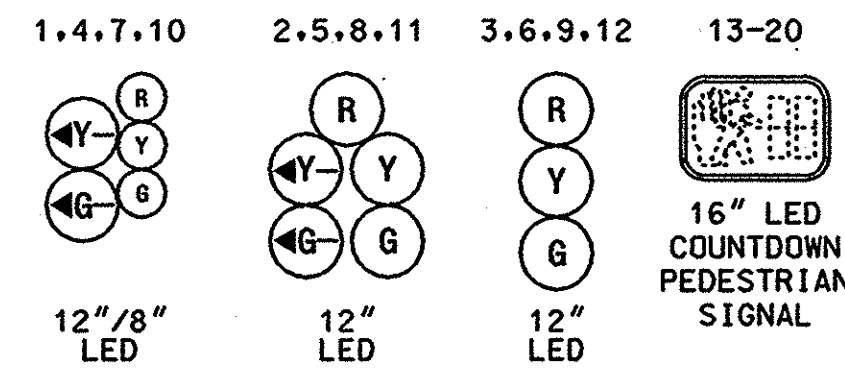


BY: WJWARNER



MD 45 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

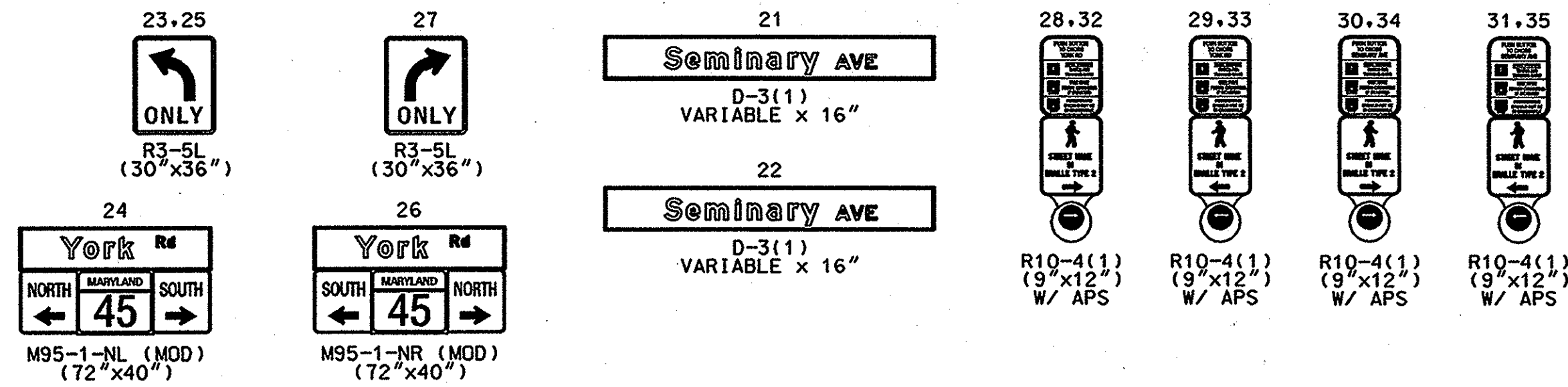
### EXISTING SIGNAL HEADS



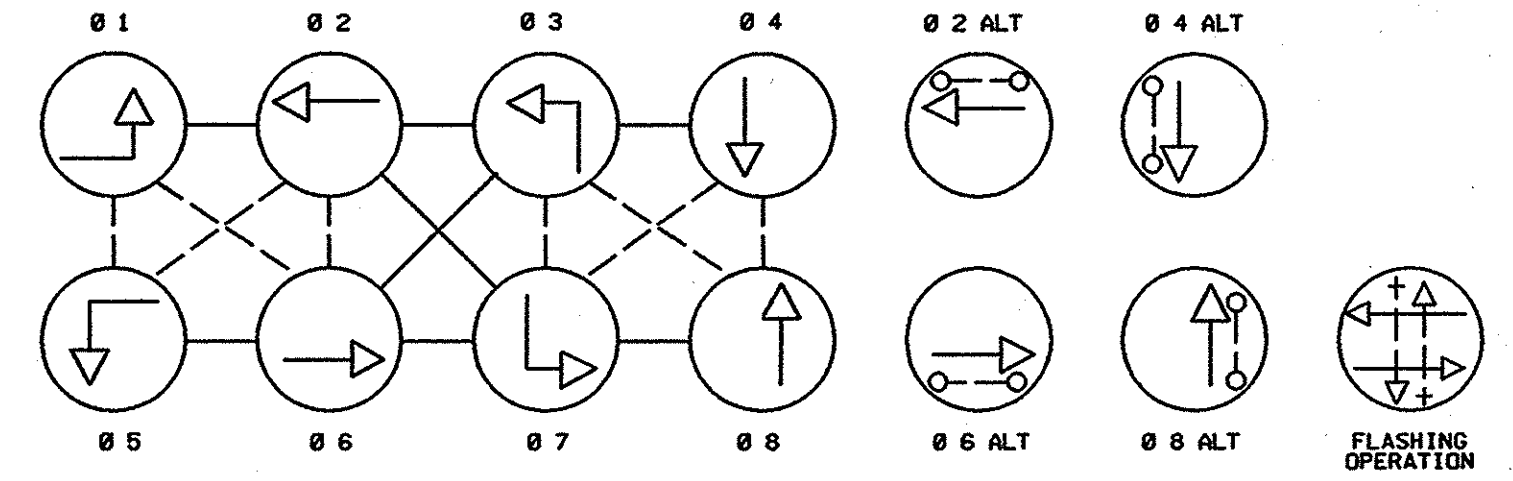
### EXISTING VIDEO DETECTION CAMERAS



### EXISTING SIGNS

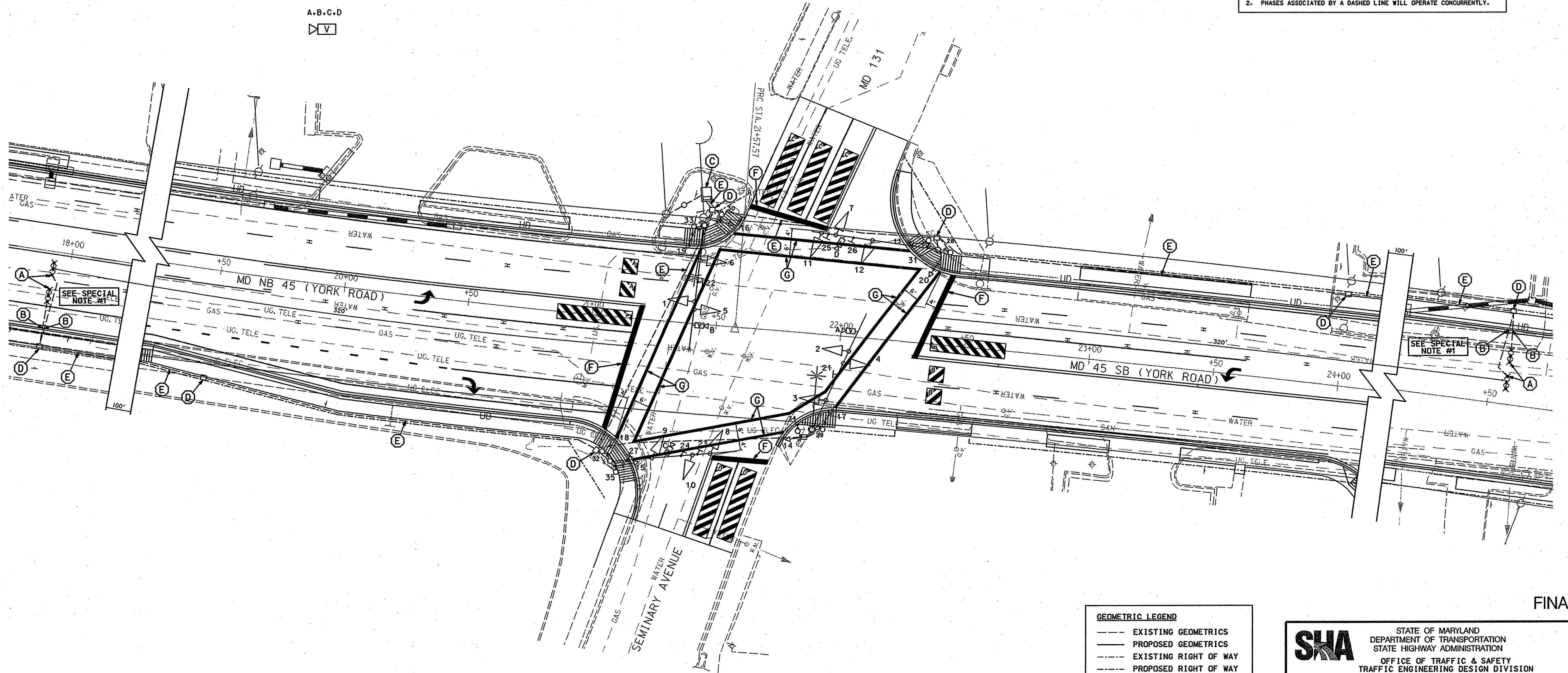


### EXISTING NEMA PHASING



### PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



FINAL

### CONSTRUCTION DETAILS

- A. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN WITHIN 4 IN. CONDUIT.
- B. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- C. USE EXISTING BASE MOUNTED CONTROLLER.
- D. USE EXISTING HANDHOLE.
- E. USE EXISTING CONDUIT.
- F. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
- G. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK).

### GENERAL NOTES

1. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.

### SPECIAL NOTES

1. MICROLOOP PROBE SETS SHALL BE INSTALLED IN FINAL MD 45 TRAVEL LANE LOCATIONS AFTER ALL PAVEMENT GRINDING IS COMPLETED AND IMMEDIATELY PRIOR TO THE FINAL MD 45 PAVEMENT OVERLAY.
2. VIDEO DETECTION AREAS MAY NEED TO BE ADJUSTED BASED ON FINAL PAVEMENT MARKINGS.
3. ALL CROSSWALKS ARE CENTERED TO THE CENTER OF THEIR RESPECTIVE CURB RAMPS.

### GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MARYLAND 45 (YORK ROAD) WIDENING  
CAVAN DRIVE TO RIDGELY ROAD

SIGNALIZATION PLAN - MD 45 at MD 131 (Seminary Avenue)  
SCALE 1"=20' DATE 5/78 CONTRACT NO. BA7065171

DESIGNED BY G. HARRIS COUNTY BALTIMORE  
DRAWN BY G. HARRIS LOGMILE 03004503.67  
CHECKED BY T.I.M.S. NO. F159  
F.A.P. NO. SEE TITLE SHEET TOD NO.

DRAWING NO. 1580 E SS-18 OF SS-25 SHEET NO. 86 OF 137

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

RECONSTRUCT SIGNAL  
DUE TO WIDENING  
BA7065171

PLOTTED: 03/02/2006  
FILE: G:\4674\10\DESIGN\ENGINEERING\PLANSET\SS18MD45.DGN